

IN THE CLAIMS

Amend claim 1 to read:

1. An optical pulse source for generating RZ pulses at a wavelength λ comprising:

Sub 02

a modulated light source for generating optical pulses of light over an optical spectrum including λ , the source modulated in power and frequency, the modulated light source modulated by a radio frequency (RF) modulating source having an RF power level;

A1

a Bragg grating having a filter response, the grating coupled to the light source and stabilized so that the optical spectrum of the source includes a long wavelength edge of the filter response;

a pair of optical taps coupled to the light source and the Bragg grating for tapping a first signal representative of the light supplied to the grating and a second signal representative of the light reflected or transmitted by the grating; and,

a feedback circuit responsive to ratio of the first and second signals for adjusting the wavelength λ of the light source to the long wavelength side of the grating filter response to remove high frequency components of the modulated light source for producing the RZ pulses whereby the RF power level controls the width of the RZ pulses.